

# Morbidity and Mortality

Weekly  
Report



U. S. Department of  
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

January 25, 1957

Washington 25, D. C.

Vol. 6, No. 3

## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 19, 1957

### EPIDEMIOLOGICAL REPORTS

#### Influenza

The first report of influenza in the United States for the current season has been received from Dr. Gordon Meikeljohn, University of Colorado. He reports a mild outbreak of the disease from an Air Force base in Colorado which began earlier in January. Two strains of virus with A-prime properties have been isolated from throat washings collected on January 14.

The World Health Organization, Geneva, states that "In connection with the strains collected during the mild epidemic (Japan) in December, it is reported by the World Influenza Centre, London, that preliminary tests suggest the strain A/Japan/6/56 to be serologically similar to the Dutch '56 viruses."

#### Malaria

The California State Department of Public Health has supplied additional information on indigenous malaria in the State. Last week 2 cases were reported and an additional case has been reported from the same area bringing the total number of indigenous cases for 1956 to 3. The third case was in a man who arrived from New York where he had lived for 2 years. Recently he has been teaching school in the State. He has had no known exposure to malaria and like the other 2 cases, the source of infection is believed to be associated with Mexican agricultural workers.

#### Tularemia

Dr. E. J. Witte, Veterinarian, Pennsylvania Department of Health, has reported 2 cases of tularemia in persons who were exposed to wild rabbits. The husband had shot the rabbits and his wife had dressed them at home. Four days later they became ill with headache, vomiting, chills, general aching, fever, sweats, and prostration. Agglutination tests on specimens from each patient showed a fourfold or greater rise in titer.

#### Chemical poisoning

The Los Angeles City (California) Health Department has reported 2 cases of chemical poisoning. These persons became ill with nausea and vomiting within 15 minutes after drinking from a bulk vending machine. An investigation revealed that a defective carbonator valve permitted carbon dioxide to back up into a copper waterline. Chemical analysis of water from the carbonator showed 280 p.p.m. of copper.

#### Gastro-enteritis

Dr. J. D. Martin, Louisiana State Department of Health, and Dr. D. E. Brown, local health department, have given a detailed report of the investigation of an outbreak of gastro-

teritis among students and faculty of a high school. Questionnaires were used to collect data about the illness. Those that were completed and returned indicated the illness was associated with food served one Wednesday and/or Thursday in the school cafeteria. Of 853 persons eating the main dishes on these days, 438 became ill with nausea, weakness, vomiting, fever, chilly sensation, and diarrhea. The incubation period was estimated to be from 32 to 72 hours. Meat loaf was served on the Wednesday and canned pork with gravy was served the following day. It was established that the persons who ate of these dishes became ill in a significantly greater number than those who did not. No food served on the 2 days was available for bacteriologic examination but similar food was collected. None of the food tested yielded any pathogenic organisms. The food served on the days previously mentioned was reported to have been prepared freshly. However, additional information suggests that some food is being held over from one day to the next. Laboratory examination of stool specimens from food handlers and from some of the patients revealed no pathogens. No viral studies were done.

The California State Department of Public Health has reported 2 small outbreaks of gastro-enteritis—one in a restaurant and the other in a private residence. Of persons eating turkey in the restaurant, 8 became ill with cramps and diarrhea from 3½ to 14 hours later. The turkey was cooked early in the morning of the previous day. The meat was sliced by hand and placed in pans and refrigerated. When needed, a pan was removed from the refrigerator and the meat reheated. No food was available for bacteriologic examination. In the private residence, 4 persons became ill with vomiting and diarrhea from 1 to 11 hours after eating ham. The ham had been purchased and left in a car for about 5 hours before being refrigerated. None of it was available for laboratory tests.

Miss Sarah V. Dugan, Kentucky State Department of Health, has reported an outbreak of gastro-enteritis in a high school. Of 950 persons in the school, 650 became ill with diarrhea, cramps, some nausea and vomiting, from 8 to 30 hours after eating a turkey dinner. Turkeys (frozen) from California were distributed to schools by the State Department of Agriculture. The turkeys were left crated in the school lunchroom at room temperature for more than 24 hours. The turkeys, weighing from 16 to 25 pounds each, probably were not completely thawed when put (3 each) in 15-gallon pots to boil. They were cooked for 3½ hours, which is much less than the cooking time recommended by authorities. One frozen turkey was submitted for laboratory examination and tests showed a paracolon of the Arizona group to be present in the carcass.

Dr. P. C. Supan, County Health Officer in Illinois, has reported an outbreak of gastro-enteritis in a family of 3. They all became ill 2 hours after eating a meal of which ham was

## Morbidity and Mortality Weekly Report

the main food. Bacteriologic examination of a specimen of the meat revealed nonhemolytic staphylococci, Escherichia coli, and Bacillus pyocyaneus.

Salmonellosis

Dr. Altman, County Health Officer in New York State, has reported an outbreak of salmonellosis in a family. The source was polluted water from an old dug well. Salmonella typhimurium was isolated from stool specimens collected from 6 persons, including 3 without symptoms.

Roundworm infection

Dr. E. J. Witte, has reported also a case of roundworm, Toxocara canis, in a 3-year-old girl in Pennsylvania. The patient had recurrent episodes of congestive heart failure with hepatomegaly, splenomegaly, and eosinophilia up to 40 percent, and white blood counts of 15 to 25,000. She had a definite history of eating dirt. An investigation revealed that the family dog was infected with T. canis. It is believed that the source of infection of the child was the dog through her dirt-eating habits.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	3d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Jan. 19, 1957	Ended Jan. 21, 1956	Median 1952-56	First 3 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	1	-	1	4	1	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	-	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)----044	9	11	17	37	42	51	(1)	(1)	(1)	(1)
Diphtheria-----055	24	35	42	69	133	156	824	1,463	1,463	July 1
Encephalitis, infectious-----082	17	19	17	55	56	60	1,619	978	978	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	365	522	775	1,087	1,378	1,769	6,286	8,881	---	Sept. 1
Malaria-----110-117	1	1	8	4	11	16	(1)	(1)	(1)	(1)
Measles-----085	9,166	7,082	7,370	26,291	18,793	19,365	63,495	47,891	50,706	Sept. 1
Meningococcal infections-----057	53	84	124	149	230	332	880	1,153	1,490	Sept. 1
Meningitis, other-----340	29	23	---	82	67	---	---	---	---	---
Poliomyelitis-----080	56	117	136	132	351	420	14,465	28,558	34,821	Apr. 1
Paralytic-----080.0,080.1	32	62	---	75	195	---	6,200	10,372	---	Apr. 1
Nonparalytic-----080.2	8	37	---	28	96	---	5,621	10,904	---	Apr. 1
Unspecified-----080.3	16	18	---	29	60	---	2,644	7,282	---	Apr. 1
Psittacosis-----096.2	3	5	---	8	9	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	3	-	-	3	-	(1)	(1)	(1)	(1)
Typhoid fever-----040	15	27	25	54	70	70	1,501	1,489	1,940	Apr. 1
Typhus fever, endemic-----101	3	1	1	10	1	7	(1)	(1)	(1)	(1)
Rabies in animals-----	90	95	124	257	292	414	1,221	1,319	1,929	Oct. 1

<sup>1</sup>Data show no pronounced seasonal change in incidence.

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2,

but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 21, 1956 AND JANUARY 19, 1957**

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		3d week		Cumulative first 3 weeks		082		3d week		Cumulative first 3 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	9	11	24	35	69	133	17	19	365	522	1,087	1,378
NEW ENGLAND-----	1	-	-	-	1	-	-	-	26	26	75	106
Maine-----	-	-	-	-	1	-	-	-	4	3	15	40
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	3	-
Vermont-----	1	-	-	-	-	-	-	-	7	1	21	11
Massachusetts-----	-	-	-	-	-	-	-	-	9	10	24	19
Rhode Island-----	-	-	-	-	-	-	-	-	3	3	6	13
Connecticut-----	-	-	-	-	-	-	-	-	3	9	6	23
MIDDLE ATLANTIC-----	2	-	1	-	1	1	2	4	48	106	139	266
New York-----	-	-	1	-	1	1	2	3	28	61	80	138
New Jersey-----	-	-	-	-	-	-	-	1	7	14	25	22
Pennsylvania-----	2	-	-	-	-	-	-	-	13	31	34	106
EAST NORTH CENTRAL-----	-	4	6	6	9	24	2	2	60	79	198	171
Ohio-----	-	-	1	-	2	3	-	-	30	11	76	37
Indiana-----	-	1	-	1	-	3	1	-	-	5	11	25
Illinois-----	-	-	-	-	-	-	-	2	11	32	36	54
Michigan-----	-	1	5	5	7	18	-	-	12	18	62	33
Wisconsin-----	-	2	-	-	-	-	1	-	7	13	13	22
WEST NORTH CENTRAL-----	4	2	2	6	3	15	1	-	35	53	85	129
Minnesota-----	1	-	-	3	1	6	-	-	12	27	30	53
Iowa-----	-	2	1	1	1	3	-	-	7	3	19	36
Missouri-----	-	-	-	-	-	-	-	-	2	1	5	2
North Dakota-----	-	-	-	-	-	-	-	-	13	4	28	7
South Dakota-----	-	-	-	-	-	-	-	-	-	14	2	21
Nebraska-----	1	-	-	2	-	6	-	-	1	3	1	8
Kansas-----	2	-	1	-	1	-	1	-	-	1	-	2
SOUTH ATLANTIC-----	1	2	8	6	18	25	2	3	17	20	75	79
Delaware-----	-	-	-	-	-	-	-	-	3	2	4	5
Maryland-----	-	-	1	-	1	-	-	-	1	1	3	3
District of Columbia-----	-	-	-	1	-	1	-	1	6	9	25	40
Virginia-----	-	-	-	-	-	-	-	-	-	-	6	2
West Virginia-----	-	1	1	-	1	1	-	-	-	-	-	-
North Carolina-----	-	-	-	1	1	5	1	1	2	3	11	6
South Carolina-----	-	-	2	1	2	1	1	-	1	-	3	7
Georgia-----	1	-	2	3	6	8	-	-	1	3	14	12
Florida-----	-	1	2	-	7	9	-	1	3	2	9	4
EAST SOUTH CENTRAL-----	1	-	1	6	13	20	1	-	56	33	170	87
Kentucky-----	-	-	-	2	3	3	-	-	19	16	37	26
Tennessee-----	1	-	-	-	1	2	-	-	26	9	103	42
Alabama-----	-	-	-	3	4	14	1	-	7	6	17	7
Mississippi-----	-	-	1	1	5	1	-	-	4	2	13	12
WEST SOUTH CENTRAL-----	-	2	6	10	19	38	-	1	12	29	56	74
Arkansas-----	-	-	1	1	1	4	-	-	2	2	12	3
Louisiana-----	-	1	-	1	2	7	-	-	2	-	7	2
Oklahoma-----	-	1	1	1	1	4	-	-	1	-	6	4
Texas-----	-	-	4	-	15	23	-	1	7	27	31	65
MOUNTAIN-----	-	-	-	-	4	-	3	1	31	61	76	177
Montana-----	-	-	-	-	2	-	1	-	5	30	6	53
Idaho-----	-	-	-	-	-	-	-	-	4	2	6	13
Wyoming-----	-	-	-	-	1	-	-	-	-	2	3	14
Colorado-----	-	-	-	-	-	-	-	-	7	13	22	31
New Mexico-----	-	-	-	-	1	-	1	1	4	2	13	4
Arizona-----	-	-	-	-	-	-	-	-	8	11	15	60
Utah-----	-	-	-	-	-	-	-	-	1	1	3	2
Nevada-----	-	-	-	-	-	-	1	-	-	-	8	-
PACIFIC-----	-	1	-	1	1	10	6	8	80	115	213	289
Washington-----	-	-	-	-	-	-	-	-	15	29	33	69
Oregon-----	-	-	-	-	-	-	-	-	12	18	45	69
California-----	-	1	-	1	1	10	6	8	53	68	135	151
Alaska-----	-	-	-	-	-	-	-	-	1	-	1	2
Hawaii-----	-	-	-	-	-	-	-	-	-	1	1	3
Puerto Rico-----	-	-	-	2	-	5	-	-	5	13	5	13

## Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 21, 1956 AND JANUARY 19, 1957—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total <sup>1</sup>				Paralytic		Nonparalytic		110-117		085	
	3d week		Cumulative first 3 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	56	117	132	351	32	62	8	37	1	1	9,166	7,082
NEW ENGLAND-----	-	5	1	15	-	3	-	1	-	-	390	117
Maine-----	-	2	-	3	-	2	-	-	-	-	6	2
New Hampshire-----	-	1	-	2	-	-	-	-	-	-	-	-
Vermont-----	-	1	-	1	-	-	-	1	-	-	98	12
Massachusetts-----	-	1	-	7	-	1	-	-	-	-	157	91
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	1	-
Connecticut-----	-	-	1	-	-	-	-	-	-	-	128	12
MIDDLE ATLANTIC-----	1	11	4	30	1	3	-	3	-	-	1,303	1,114
New York-----	1	10	4	23	1	3	-	3	-	-	660	282
New Jersey-----	-	-	-	1	-	-	-	-	-	-	409	228
Pennsylvania-----	-	1	-	6	-	-	-	-	-	-	234	604
EAST NORTH CENTRAL-----	7	5	12	26	3	1	1	2	-	-	1,230	1,805
Ohio-----	3	-	5	6	2	-	-	-	-	-	139	374
Indiana-----	2	-	3	1	-	-	-	-	-	-	215	60
Illinois-----	-	-	-	-	-	-	-	-	-	-	162	521
Michigan-----	2	4	2	10	1	1	1	2	-	-	356	572
Wisconsin-----	-	1	2	9	-	-	-	-	-	-	358	278
WEST NORTH CENTRAL-----	9	2	14	13	7	1	-	1	-	-	554	227
Minnesota-----	1	-	1	1	1	-	-	-	-	-	103	11
Iowa-----	-	1	1	7	-	1	-	-	-	-	264	61
Missouri-----	2	-	3	1	2	-	-	-	-	-	63	54
North Dakota-----	-	-	-	-	-	-	-	-	-	-	100	39
South Dakota-----	-	1	-	3	-	-	-	1	-	-	17	6
Nebraska-----	1	-	3	-	1	-	-	-	-	-	7	10
Kansas-----	5	-	6	1	3	-	-	-	-	-	-	46
SOUTH ATLANTIC-----	14	6	18	24	8	4	1	2	1	-	695	1,006
Delaware-----	-	1	-	1	-	-	-	1	-	-	19	1
Maryland-----	-	2	-	4	-	2	-	-	-	-	14	419
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	1	20
Virginia-----	1	-	1	-	1	-	-	-	1	-	83	188
West Virginia-----	-	-	-	-	-	-	-	-	-	-	43	164
North Carolina-----	-	2	-	7	-	1	-	1	-	-	38	107
South Carolina-----	4	1	7	2	3	1	-	-	-	-	65	33
Georgia-----	-	-	-	5	-	-	-	-	-	-	119	60
Florida-----	9	-	10	5	4	-	1	-	-	-	313	14
EAST SOUTH CENTRAL-----	5	7	13	14	2	3	-	2	-	-	1,153	383
Kentucky-----	1	2	2	5	1	2	-	-	-	-	343	155
Tennessee-----	2	-	3	-	-	-	-	-	-	-	591	181
Alabama-----	-	1	3	1	-	-	-	1	-	-	142	23
Mississippi-----	2	4	5	8	1	1	-	1	-	-	77	24
WEST SOUTH CENTRAL-----	8	23	28	70	5	13	3	6	-	1	1,111	875
Arkansas-----	1	2	1	4	1	2	-	-	-	-	22	57
Louisiana-----	1	2	6	8	1	2	-	-	-	-	11	3
Oklahoma-----	-	-	1	3	-	-	-	-	-	1	12	172
Texas-----	6	19	20	55	3	9	3	6	-	-	1,066	643
MOUNTAIN-----	5	8	12	20	2	3	-	2	-	-	1,228	741
Montana-----	1	1	1	3	1	-	-	-	-	-	123	126
Idaho-----	-	2	-	2	-	-	-	-	-	-	52	8
Wyoming-----	-	-	-	-	-	-	-	-	-	-	3	50
Colorado-----	1	-	2	2	1	-	-	-	-	-	102	318
New Mexico-----	-	-	1	-	-	-	-	-	-	-	158	17
Arizona-----	-	5	-	9	-	3	-	2	-	-	130	210
Utah-----	2	-	6	1	-	-	-	-	-	-	570	12
Nevada-----	1	-	2	3	-	-	-	-	-	-	90	-
PACIFIC-----	7	50	30	139	4	31	3	18	-	-	1,502	814
Washington-----	-	1	1	7	-	1	-	-	-	-	343	159
Oregon-----	-	6	2	12	-	3	-	2	-	-	146	22
California-----	7	43	27	120	4	27	3	16	-	-	1,013	633
Alaska-----	-	-	-	-	-	-	-	-	-	-	5	4
Hawaii-----	-	4	-	13	-	4	-	-	-	-	341	18
Puerto Rico-----	3	-	3	-	3	-	-	-	1	-	56	61

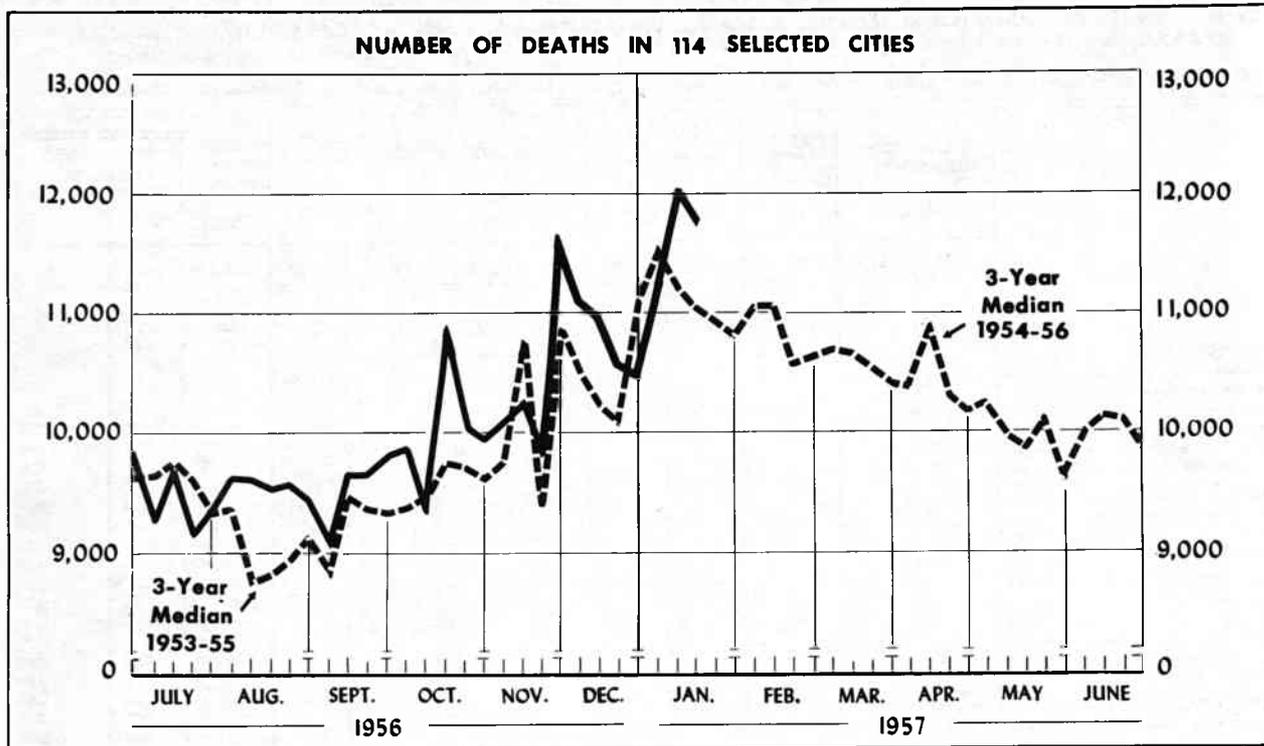
<sup>1</sup>Includes cases not specified by type, category number 080.3.

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 21, 1956 AND JANUARY 19, 1957—Continued**

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			1957	096.2		3d week		Cumulative first 3 weeks		101	1957
	1957	1956	1957		1956	1957	1956	1957	1956	1957		
CONT. UNITED STATES-----	53	84	29	3	5	15	27	54	70	3	90	95
NEW ENGLAND-----	2	3	6	-	-	1	1	2	1	-	-	-
Maine-----	-	-	2	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	2	2	-	-	-	1	1	1	-	-	-
Rhode Island-----	1	-	2	-	-	1	-	1	-	-	-	-
Connecticut-----	1	1	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	8	10	-	-	-	-	3	6	12	-	3	9
New York-----	4	2	-	-	-	-	-	1	3	-	3	9
New Jersey-----	-	3	-	-	-	-	1	1	1	-	-	-
Pennsylvania-----	4	5	-	-	-	-	2	4	8	-	-	-
EAST NORTH CENTRAL-----	11	19	2	1	-	-	2	7	4	-	11	7
Ohio-----	6	3	-	-	-	-	1	7	2	-	8	2
Indiana-----	-	3	-	-	-	-	1	-	1	-	2	1
Illinois-----	-	5	2	-	-	-	-	-	-	-	1	-
Michigan-----	5	7	-	-	-	-	-	-	1	-	-	-
Wisconsin-----	-	1	-	1	-	-	-	-	-	-	-	4
WEST NORTH CENTRAL-----	4	7	-	-	1	3	3	5	6	-	19	12
Minnesota-----	-	2	-	-	-	-	-	-	-	-	5	3
Iowa-----	-	-	-	-	-	1	2	2	3	-	5	3
Missouri-----	-	4	-	-	-	1	1	2	3	-	7	6
North Dakota-----	3	-	-	-	-	-	-	-	-	-	1	-
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	-	-	1	-
Kansas-----	1	1	-	1	1	1	-	1	-	-	-	-
SOUTH ATLANTIC-----	8	15	6	-	-	2	4	8	12	-	21	23
Delaware-----	-	-	-	-	-	-	-	-	1	-	-	1
Maryland-----	1	1	-	-	-	-	1	-	1	-	-	-
District of Columbia-----	-	2	-	-	-	-	-	-	-	-	-	-
Virginia-----	1	1	2	-	-	-	-	2	-	-	4	9
West Virginia-----	-	1	-	-	-	-	-	3	-	-	-	1
North Carolina-----	3	2	-	-	-	-	-	-	3	-	3	-
South Carolina-----	-	4	1	-	-	-	2	-	2	-	6	10
Georgia-----	2	1	3	-	-	1	1	1	2	-	7	2
Florida-----	1	3	-	-	-	2	-	2	3	-	1	-
EAST SOUTH CENTRAL-----	10	11	4	1	-	2	4	6	13	-	16	18
Kentucky-----	4	4	1	-	-	-	1	2	3	-	7	8
Tennessee-----	3	3	2	-	-	1	1	3	6	-	2	1
Alabama-----	2	4	-	1	-	-	-	-	-	-	6	8
Mississippi-----	1	-	1	-	-	1	2	1	4	-	1	1
WEST SOUTH CENTRAL-----	4	4	9	-	-	5	7	14	12	2	11	13
Arkansas-----	1	-	2	-	-	1	2	1	4	-	3	4
Louisiana-----	2	-	-	-	-	1	-	7	-	-	8	-
Oklahoma-----	-	1	1	-	-	1	2	2	3	-	-	-
Texas-----	1	3	6	-	-	2	3	4	5	2	-	9
MOUNTAIN-----	3	7	1	1	1	1	-	2	1	-	8	3
Montana-----	2	6	-	-	1	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	1	-	1	1	-	1	-	1	-	-	-	-
New Mexico-----	-	1	-	-	-	-	-	-	1	-	8	1
Arizona-----	-	-	-	-	-	-	-	-	-	-	-	2
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	8	1	-	3	1	3	4	9	1	1	10
Washington-----	1	-	1	-	1	-	-	-	-	-	-	-
Oregon-----	-	-	-	-	-	-	-	-	1	-	-	-
California-----	2	8	-	-	2	1	3	4	8	1	1	10
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	6	-	-	-	-



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ( $d \pm 2\sqrt{d}$ , where  $d$  represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

**Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS**

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	3d week ended Jan. 19, 1957	2d week ended Jan. 12, 1957	3d week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 3 WEEKS		
					1957	1956	Percent change
<b>TOTAL: 110 REPORTING CITIES-----</b>	<b>11,616</b>	<b>11,933</b>	<b>10,931</b>	<b>+6.3</b>	<b>34,712</b>	<b>33,980</b>	<b>+2.2</b>
New England----- (14 cities)	807	778	751	+7.5	2,362	2,361	+0.0
Middle Atlantic----- (18 cities)	3,354	3,365	3,277	+2.3	9,975	9,874	+1.0
East North Central----- (19 cities)	2,520	2,538	2,340	+7.7	7,459	7,404	+0.7
West North Central----- (8 cities)	805	773	732	+10.0	2,302	2,303	-0.0
South Atlantic----- (10 cities)	959	1,048	875	+9.6	2,927	2,944	-0.6
East South Central----- (8 cities)	497	604	544	-8.6	1,610	1,533	+5.0
West South Central----- (13 cities)	934	1,018	819	+14.0	2,889	2,648	+9.1
Mountain----- (8 cities)	267	291	255	+4.7	820	769	+6.6
Pacific----- (12 cities)	1,473	1,518	1,355	+8.7	4,368	4,144	+5.4

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	3d week ended Jan. 19, 1957	2d week ended Jan. 12, 1957	CUMULATIVE NUMBER FIRST 3 WEEKS		AREA	3d week ended Jan. 19, 1957	2d week ended Jan. 12, 1957	CUMULATIVE NUMBER FIRST 3 WEEKS	
			1957	1956				1957	1956
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston, Mass.-----	266	268	794	828	St. Louis, Mo.-----	256	254	729	825
Bridgeport, Conn.-----	41	35	129	135	St. Paul, Minn.-----	74	75	214	192
Cambridge, Mass.-----	33	39	105	104	Wichita, Kans.-----	47	46	135	126
Fall River, Mass.-----	25	24	81	98	<b>SOUTH ATLANTIC</b>				
Hartford, Conn.-----	63	53	159	162	Atlanta, Ga.-----	127	119	378	365
Lowell, Mass.-----	26	33	78	77	Baltimore, Md.-----	252	299	801	791
Lynn, Mass.-----	37	24	85	45	Charlotte, N. C.-----	36	51	118	140
New Bedford, Mass.-----	35	25	90	73	Jacksonville, Fla.-----	65	70	185	192
New Haven, Conn.-----	51	49	151	178	Miami, Fla.-----	52	67	167	213
Providence, R. I.-----	70	52	205	196	Norfolk, Va.-----	---	(37)	---	(125)
Somerville, Mass.-----	13	20	46	60	Richmond, Va.-----	73	81	227	230
Springfield, Mass.-----	54	39	135	147	Savannah, Ga.-----	39	40	120	85
Waterbury, Conn.-----	30	35	90	99	Tampa, Fla.-----	63	74	207	197
Worcester, Mass.-----	63	82	214	159	Washington, D. C.-----	214	204	611	615
<b>MIDDLE ATLANTIC</b>					Wilmington, Del.-----	38	43	113	116
Albany, N. Y.-----	66	41	166	155	<b>EAST SOUTH CENTRAL</b>				
Allentown, Pa.-----	35	37	117	121	Birmingham, Ala.-----	57	104	257	240
Buffalo, N. Y.-----	151	235	522	469	Chattanooga, Tenn.-----	55	62	169	124
Camden, N. J.-----	43	42	126	115	Knoxville, Tenn.-----	37	22	95	141
Elizabeth, N. J.-----	35	21	74	88	Louisville, Ky.-----	125	143	361	321
Erie, Pa.-----	36	44	120	94	Memphis, Tenn.-----	101	135	328	321
Jersey City, N. J.-----	57	86	241	241	Mobile, Ala.-----	34	31	104	118
Newark, N. J.-----	115	108	365	303	Montgomery, Ala.-----	27	36	89	77
New York City, N. Y.-----	1,706	1,834	5,204	5,173	Nashville, Tenn.-----	61	71	207	191
Peterson, N. J.-----	46	31	124	116	<b>WEST SOUTH CENTRAL</b>				
Philadelphia, Pa.-----	461	372	1,323	1,487	Austin, Tex.-----	39	32	115	104
Pittsburgh, Pa.-----	212	193	608	612	Baton Rouge, La.-----	27	30	80	61
Reading, Pa.-----	---	(23)	---	(64)	Corpus Christi, Tex.-----	16	22	57	53
Rochester, N. Y.-----	121	113	351	288	Dallas, Tex.-----	107	106	340	322
Schenectady, N. Y.-----	26	30	81	74	El Paso, Tex.-----	34	30	90	85
Scranton, Pa.-----	63	34	128	104	Fort Worth, Tex.-----	58	62	192	169
Syracuse, N. Y.-----	65	64	197	200	Houston, Tex.-----	129	207	468	452
Trenton, N. J.-----	69	54	155	139	Little Rock, Ark.-----	47	61	151	146
Utica, N. Y.-----	(34)	---	---	(106)	New Orleans, La.-----	197	163	555	494
Yonkers, N. Y.-----	27	26	95	95	Oklahoma City, Okla.-----	74	78	212	193
<b>EAST NORTH CENTRAL</b>					San Antonio, Tex.-----	112	89	303	271
Akron, Ohio-----	46	59	158	155	Shreveport, La.-----	50	69	144	160
Canton, Ohio-----	35	30	104	76	Tulsa, Okla.-----	44	69	182	138
Chicago, Ill.-----	831	799	2,409	2,521	<b>MOUNTAIN</b>				
Cincinnati, Ohio-----	152	200	518	503	Albuquerque, N. Mex.-----	34	34	88	63
Cleveland, Ohio-----	240	219	676	634	Colorado Springs, Colo.-----	12	12	42	44
Columbus, Ohio-----	102	109	325	349	Denver, Colo.-----	113	121	368	339
Dayton, Ohio-----	67	81	249	236	Ogden, Utah-----	14	16	39	47
Detroit, Mich.-----	371	343	1,008	964	Phoenix, Ariz.-----	30	36	95	81
Evansville, Ind.-----	34	38	89	104	Pueblo, Colo.-----	17	12	40	44
Flint, Mich.-----	33	40	119	123	Salt Lake City, Utah-----	33	46	108	131
Fort Wayne, Ind.-----	30	44	111	128	Tucson, Ariz.-----	14	14	40	20
Gary, Ind.-----	26	29	91	97	<b>PACIFIC</b>				
Grand Rapids, Mich.-----	35	45	111	117	Berkeley, Calif.-----	22	24	69	57
Indianapolis, Ind.-----	127	140	386	344	Long Beach, Calif.-----	60	51	171	176
Milwaukee, Wis.-----	148	123	406	429	Los Angeles, Calif.-----	595	536	1,639	1,572
Peoria, Ill.-----	41	28	92	85	Oakland, Calif.-----	81	125	322	286
South Bend, Ind.-----	31	25	80	73	Pasadena, Calif.-----	51	44	129	125
Toledo, Ohio-----	113	123	339	308	Portland, Oreg.-----	94	100	289	353
Youngstown, Ohio-----	58	63	188	158	Sacramento, Calif.-----	51	54	162	143
<b>WEST NORTH CENTRAL</b>					San Diego, Calif.-----	80	93	262	229
Des Moines, Iowa-----	56	49	158	158	San Francisco, Calif.-----	240	244	646	610
Duluth, Minn.-----	38	19	90	88	Seattle, Wash.-----	113	160	412	373
Kansas City, Kans.-----	---	(33)	---	(95)	Spokane, Wash.-----	43	44	139	121
Kansas City, Mo.-----	109	117	339	320	Tacoma, Wash.-----	43	43	128	99
Minneapolis, Minn.-----	144	142	411	393	<b>Honolulu, Hawaii</b>				
Omaha, Nebr.-----	81	71	226	201		(42)	(43)	(121)	(120)

Symbols.—parentheses ( ): data not included in table 3; 3 dashes --- : data not available.

U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
Public Health Service  
Washington 25, D. C.

POSTAGE AND FEES PAID  
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

GPO 400183

If you do not desire to continue receiving  
this publication, please check here  
and return.

Official Business

FIRST CLASS MAIL